



Building 911A
P.O. Box 5000
Upton, NY 11973-5000
Phone 516 5636
Fax 516 344-5676
cirm@bnl.gov

managed by Brookhaven Science Associates
for the U.S. Department of Energy

date: March 1, 2006
to: Distribution
subject: Safety Walk
from: P. Cirnigliaro

On February 8, 2006 a Job Risk Analysis (JRA-10-06) and a Safety Walk through of a routine Vacuum Group job was performed. The actual task was replacing ion pumps in the AGS ring. The work involved LOTO of a electrical service, disconnect remove and reinstall ion pumps. The use of turbo pumps and leak check equipment was used in the process.

Safety Walk Attendees:

J. Barry (Vacuum Group)
P.Cirnigliaro (C-A ESHQ)
D. Wilson (Vacuum Group)

Positive Observations:

- Use of PPE, including safety glasses, safety shoes, and appropriate NFPA 70E procedures and clothing, when applying/removing LOTO.
- Use of overhead crane to assist in the removal and installation of the ion pumps, reducing likely hood of ergonomic injury.
- Work performed as a team to reduce time in a radiation area (ALARA).

Negative Observations:

- Lighting in the AGS is poor. Personnel used the lights of the crane as well as portable lighting to work safely.

Distribution: Safety Walk Attendees

S. Gill
H. Hseuh
R. Karol
E. Lessard
D. Lowenstein